

IN THE CLAIMS:

1. (Original): A method in a data processing system for managing cookies, the method comprising:
responsive to a selected event, requesting a cookie file from a source, wherein the cookie file contains a set of cookies of previously obtained cookies and is associated with a user; and
receiving the cookie file, wherein the cookies are to access Web sites.
2. (Original): The method of claim 1 wherein the selected event is a first selected event and further comprising:
updating the cookie file during a browser session to form an updated cookie file;
and
responsive to a second selected event, sending the updated cookie file to a source.
3. (Original): The method of claim 1, wherein the source is at least one of a server, a desktop computer, a personal digital assistant, and a mobile phone
4. (Original): The method of claim 1, wherein the selected event is one of a beginning of a browser session or a particular user input.
5. (Original): The method of claim 2, wherein the first selected event is a beginning of the browser session and the second selected event is a termination of the browser session.
6. (Original): The method of claim 1, wherein the selected event is a requirement of a cookie to access a Web site.
7. (Original): The method of claim 1, wherein the cookie file includes access information.
8. (Original): The method of claim 1, wherein the cookie file includes authorization data.

9. (Original): The method of claim 1 further comprising:

selectively modifying data within the cookie file for use with the data processing system.

10. (Original): The method of claim 1, wherein the data processing system is one of a laptop computer, a personal digital assistant, a mobile phone, or a smart card.

11. (Original): The method of claim 1, wherein the cookie file is received using a wireless communications link.

12. (Original): The method of claim 1, wherein the cookie file includes information on at least one of sales transactions, user preferences, a history of Web sites visited by a user.

13. (Original): A method in a data processing system for managing cookies, the method comprising:

receiving a request for a cookie file;
parsing the request to identify a user associated with the cookie file;
identifying a particular cookie file associated with the user; and
transmitting the particular cookie file to the user.

14. (Original): The method of claim 13 further comprising:

receiving an updated cookie file for the user; and
storing the updated cookie file in association with the user.

15. (Original): The method of claim 13, wherein the user is identified by at least one of an Internet Protocol address and a user name in the request.

16. (Original): The method of claim 13 further comprising:

billing the user for maintaining the particular cookie file.

17. (Original): The method of claim 16, wherein billing is performed on one of a per access basis or a periodic basis.

18. (Original): The method of claim 14 further comprising:
selling the update cookie file.

19. (Original): A method in a data processing system for managing cookies, the method comprising:

monitoring for a requirement for a cookie to access a Web site;
responsive to detecting the requirement, sending a request for the cookie to a source storing the cookie obtained from a previous access of the Web site by a user, wherein the request identifies the cookie and the user;
receiving the cookie to form a received cookie; and
accessing the Web site using the received cookie.

20. (Original): A data processing system comprising:

a state information repository, wherein state information is are maintained for users in the state information repository; and
a Web server, wherein the Web server monitors for requests for cookies from users and returns state information to the users when requests for state information are received.

21. (Original): The data processing system of claim 20, wherein the state information includes at least one of a cookie, a browsing history, and a bookmark.

22. (Original): A method in data processing system for managing state information, the method comprising:

responsive to an event, requesting state information from a source;
receiving the state information; and
using the state information to access data on a network data processing system.

23. (Original): The method of claim 22, wherein the event is a first event and further comprising:

altering the state information in response to accessing the network data processing system to form new state information; and
sending the new state information to the source in response to a second event.

24. (Original): The method of claim 22, wherein the state information includes at least one of a cookie, a history, and a bookmark.

25. (Original): A method in a data processing system for sharing state information, the method comprising:

maintaining a repository of state information for a set of users, wherein data within the state information files are user by the set of users to access information on other data processing systems; and

providing the a user from the set of users access to a state information file associated with the user to access other data processing systems.

26. (Original): The method of claim 25 further comprising:

selectively combining state information from state information files within the repository of state information files to form a new state information file.

27. (Original): The method of clam 26 further comprising:

offering the new state information file for sale to a third party.

28. (Original): The method of claim 25 further comprising:

billing the set of users for providing access the repository.

29. (Original): The method of claim 25 further comprising:

receiving updated information to a state information file within the repository from a user; and

updating the state information file with the updated information.

30. (Original): The method of claim 25, wherein the state information includes at least one of a cookie, a history, and a bookmark.

31. (Original): A data processing system comprising:

- a bus system;

- a communications unit connected to the bus system;

- a memory connected to the bus system, wherein the memory includes a set of instructions; and

- a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to request a cookie file from a source, wherein the cookie file contains a set of cookies of previously obtained cookies and is associated with a user in response to a selected event; and receive the cookie file, wherein the cookies are to access Web sites.

32. (Original): A data processing system comprising:

- a bus system;

- a communications unit connected to the bus system;

- a memory connected to the bus system, wherein the memory includes a set of instructions; and

- a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to receive a request for a cookie file; parse the request to identify a user associated with the cookie file; identify a particular cookie file associated with the user; and transmit the particular cookie file to the user.

33. (Original): A data processing system comprising:

- a bus system;

- a communications unit connected to the bus system;

- a memory connected to the bus system, wherein the memory includes a set of instructions; and

- a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to monitor for a requirement for a cookie to access a Web

site; send a request for the cookie to a source storing the cookie obtained from a pervious access of the Web site by a user, wherein the request identifies the cookie and the user in response to detecting the requirement; receive the cookie to form a received cookie; and access the Web site using the received cookie.

34. (Original): A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes as set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to maintain a repository of cookies files for a set of users, wherein data within the cookie files are user by the set of users to access information on other data processing systems; and provide the a user from the set of users access to a cookie file associated with the user to access other data processing systems.

35. (Original): A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes as set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to request state information from a source in response to an event; receive the state information; and use the state information to access data on a network data processing system.

36. (Original): A data processing system for managing cookies, the data processing system comprising:

requesting means, responsive to a selected event, for requesting a cookie file from a source, wherein the cookie file contains a set of cookies of previously obtained cookies and is associated with a user; and

receiving means for receiving the cookie file, wherein the cookies are to access Web sites.

37. (Original): The data processing system of claim 36 wherein the selected event is a first selected event and further comprising:

updating means for updating the cookie file during a browser session to form an updated cookie file; and

sending means, responsive to a second selected event, for sending the updated cookie file to a source.

38. (Original): The data processing system of claim 36, wherein the source is at least one of a server, a desktop computer, a personal digital assistant, and a mobile phone

39. (Original): The data processing system of claim 36, wherein the selected event is one of a beginning of a browser session or a particular user input.

40. (Original): The data processing system of claim 37, wherein the first selected event is a beginning of the browser session and the second selected event is a termination of the browser session.

41. (Original): The data processing system of claim 36, wherein the selected event is a requirement of a cookie to access a Web site.

42. (Original): The data processing system of claim 36, wherein the cookie file includes access information.

43. (Original): The data processing system of claim 36, wherein the cookie file includes authorization data.

44. (Original): The data processing system of claim 36 further comprising:
selectively means for selectively modifying data within the cookie file for use with the data processing system.
45. (Original): The data processing system of claim 36, wherein the data processing system is one of a laptop computer, a personal digital assistant, a mobile phone, or a smart card.
46. (Original): The data processing system of claim 36, wherein the cookie file is received using a wireless communications link.
47. (Original): The data processing system of claim 36, wherein the cookie file includes information on at least one of sales transactions, user preferences, a history of Web sites visited by a user.
48. (Original): A data processing system for managing cookies, the data processing system comprising:
receiving means for receiving a request for a cookie file;
parsing means for parsing the request to identify a user associated with the cookie file;
identifying means for identifying a particular cookie file associated with the user;
and
transmitting means for transmitting the particular cookie file to the user.
49. (Original): The data processing system of claim 48, wherein the receiving means is a first receiving means and further comprising:
second receiving means for receiving an updated cookie file for the user; and
storing means for storing the updated cookie file in association with the user.
50. (Original): The data processing system of claim 48, wherein the user is identified by at least one of an Internet Protocol address and a user name in the request.

51. (Original): The data processing system of claim 48 further comprising:
billing means for billing the user for maintaining the particular cookie file.
52. (Original): The data processing system of claim 51, wherein billing is performed on one of a per access basis or a periodic basis.
53. (Original): The data processing system of claim 49 further comprising:
selling means for selling the update cookie file.
54. (Original): A data processing system for managing cookies, the data processing system comprising:
monitoring means for monitoring for a requirement for a cookie to access a Web site;
sending means responsive to detecting the requirement, for sending a request for the cookie to a source storing the cookie obtained from a pervious access of the Web site by a user, wherein the request identifies the cookie and the user;
receiving means for receiving the cookie to form a received cookie; and
accessing means for accessing the Web site using the received cookie.
55. (Original): A method in a data processing system for sharing state information, the method comprising:
maintaining means for maintaining a repository of state information for a set of users, wherein data within the state information files are user by the set of users to access information on other data processing systems; and
providing means for providing the a user from the set of users access to a state information file associated with the user to access other data processing systems.
56. (Original): The data processing system of claim 55 further comprising:
selectively means for selectively combining cookies from cookies files within the repository of cookies files to form a new cookie file.

57. (Original): The data processing system of claim 56 further comprising:
offering means for offering the new cookie file for sale to a third party.
58. (Original): The data processing system of claim 55 further comprising:
billing means for billing the set of users for providing access the repository.
59. (Original): The data processing system of claim 55 further comprising:
receiving means for receiving updated information to a cookie file within the repository from a user; and
updating means for updating the cookie file with the updated information.
60. (Original): A data processing system for managing state information, the method comprising:
requesting means, responsive to an event, for requesting state information from a source;
receiving means for receiving the state information; and
using means for using the state information to access data on a network data processing system.
61. (Original): The data processing system of claim 60, wherein the event is a first event and further comprising:
altering the state information in response to accessing the network data processing system to form new state information; and
sending the new state information to the source in response to a second event.
62. (Original): The data processing system of claim 60, wherein the state information includes at least one of a cookie, a history, and a bookmark.
63. (Original): A computer program product in a computer readable medium for managing cookies, the computer program product comprising:

first instructions, responsive to a selected event, for requesting a cookie file from a source, wherein the cookie file contains a set of cookies of previously obtained cookies and is associated with a user; and

second instructions for receiving the cookie file, wherein the cookies are to access Web sites.

64. (Original): The computer program product of claim 63 wherein the selected event is a first selected event and further comprising:

third instructions for updating the cookie file during a browser session to form an updated cookie file; and

fourth instructions, responsive to a second selected event, for sending the updated cookie file to a source.

65. (Original): The computer program product of claim 63, wherein the source is at least one of a server, a desktop computer, a personal digital assistant, and a mobile phone.

66. (Original): The computer program product of claim 63, wherein the selected event is one of a beginning of a browser session or a particular user input.

67. (Original): The computer program product of claim 64, wherein the first selected event is a beginning of the browser session and the second selected event is a termination of the browser session.

68. (Original): The computer program product of claim 63, wherein the selected event is a requirement of a cookie to access a Web site.

69. (Original): The computer program product of claim 63, wherein the cookie file includes access information.

70. (Original): The computer program product of claim 63, wherein the cookie file includes authorization data.

71. (Original): The computer program product of claim 63 further comprising:
third instructions for selectively modifying data within the cookie file for use with the data processing system.

72. (Original): The computer program product of claim 63, wherein the data processing system is one of a laptop computer, a personal digital assistant, a mobile phone, or a smart card.

73. (Original): The computer program product of claim 63, wherein the cookie file is received using a wireless communications link.

74. (Original): The computer program product of claim 63, wherein the cookie file includes information on at least one of sales transactions, user preferences, a history of Web sites visited by a user.

75. (Original): A computer program product in a computer readable medium for managing cookies, the computer program product comprising:
first instructions for receiving a request for a cookie file;
second instructions for parsing the request to identify a user associated with the cookie file;
third instructions for identifying a particular cookie file associated with the user;
and
fourth instructions for transmitting the particular cookie file to the user.

76. (Original): The computer program product of claim 75 further comprising:
fifth instructions for receiving an updated cookie file for the user; and
sixth instructions for storing the updated cookie file in association with the user.

77. (Original): The computer program product of claim 75, wherein the user is identified by at least one of an Internet Protocol address and a user name in the request.

78. (Original): The computer program product of claim 75 further comprising:
fifth instructions for billing the user for maintaining the particular cookie file.
79. (Original): The computer program product of claim 78, wherein billing is performed on one of a per access basis or a periodic basis.
80. (Original): The computer program product of claim 76 further comprising:
fifth instructions for selling the update cookie file.
81. (Original): A computer program product in a computer readable medium for managing cookies, the computer program product comprising:
first instructions for monitoring for a requirement for a cookie to access a Web site;
second instructions, responsive to detecting the requirement, for sending a request for the cookie to a source storing the cookie obtained from a previous access of the Web site by a user, wherein the request identifies the cookie and the user;
third instructions for receiving the cookie to form a received cookie; and
fourth instructions for accessing the Web site using the received cookie.
82. (Original): A computer program product in a computer readable medium for sharing state information, the computer program product comprising:
first instructions for maintaining a repository of cookies files for a set of users, wherein data within the cookie files are user by the set of users to access information on other data processing systems;
second instructions for providing the a user from the set of users access to a cookie file associated with the user to access other data processing systems.
83. (Original): The computer program product of claim 82 further comprising:
third instructions for selectively combining cookies from cookies files within the repository of cookies files to form a new cookie file.

84. (Original): The computer program product of claim 83 further comprising:
fourth instructions for offering the new cookie file for sale to a third party.
85. (Original): The computer program product of claim 82 further comprising:
third instructions for billing the set of users for providing access the repository.
86. (Original): The computer program product of claim 82 further comprising:
third instructions for receiving updated information to a cookie file within the repository from a user; and
fourth instructions for updating the cookie file with the updated information.
87. (Original): A computer program product in a computer readable medium for managing state information, the computer program product comprising:
first instructions, responsive to an event, for requesting state information from a source;
second instructions for receiving the state information; and
third instructions for using the state information to access data on a network data processing system.
88. (Original): The computer program product of claim 87, wherein the event is a first event and further comprising:
fourth instructions for altering the state information in response to accessing the network data processing system to form new state information; and
fifth instructions for sending the new state information to the source in response to a second event.
89. (Original): The computer program product of claim 87, wherein the state information includes at least one of a cookie, a history, and a bookmark.